

# इंटरनेट

# मानक

## Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5879 (1970): Punch, Rubber Dam, Dental [MHD 8: Dentistry]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

# SPECIFICATION FOR PUNCH, RUBBER DAM, DENTAL

1. **Scope** — Dimensions and other requirements for rubber dam punch used in dentistry.
2. **Material** — Tool steel, Designation T80 of Schedule VI of IS : 1570-1961 'Schedules for wrought steels for general engineering purposes'.
- 2.1 **Spring** — Alloy steel, Designation 55Si2Mn90 of Schedule IV of IS : 1570-1961.
3. **Shape and Dimensions** — As shown in Fig. 1.

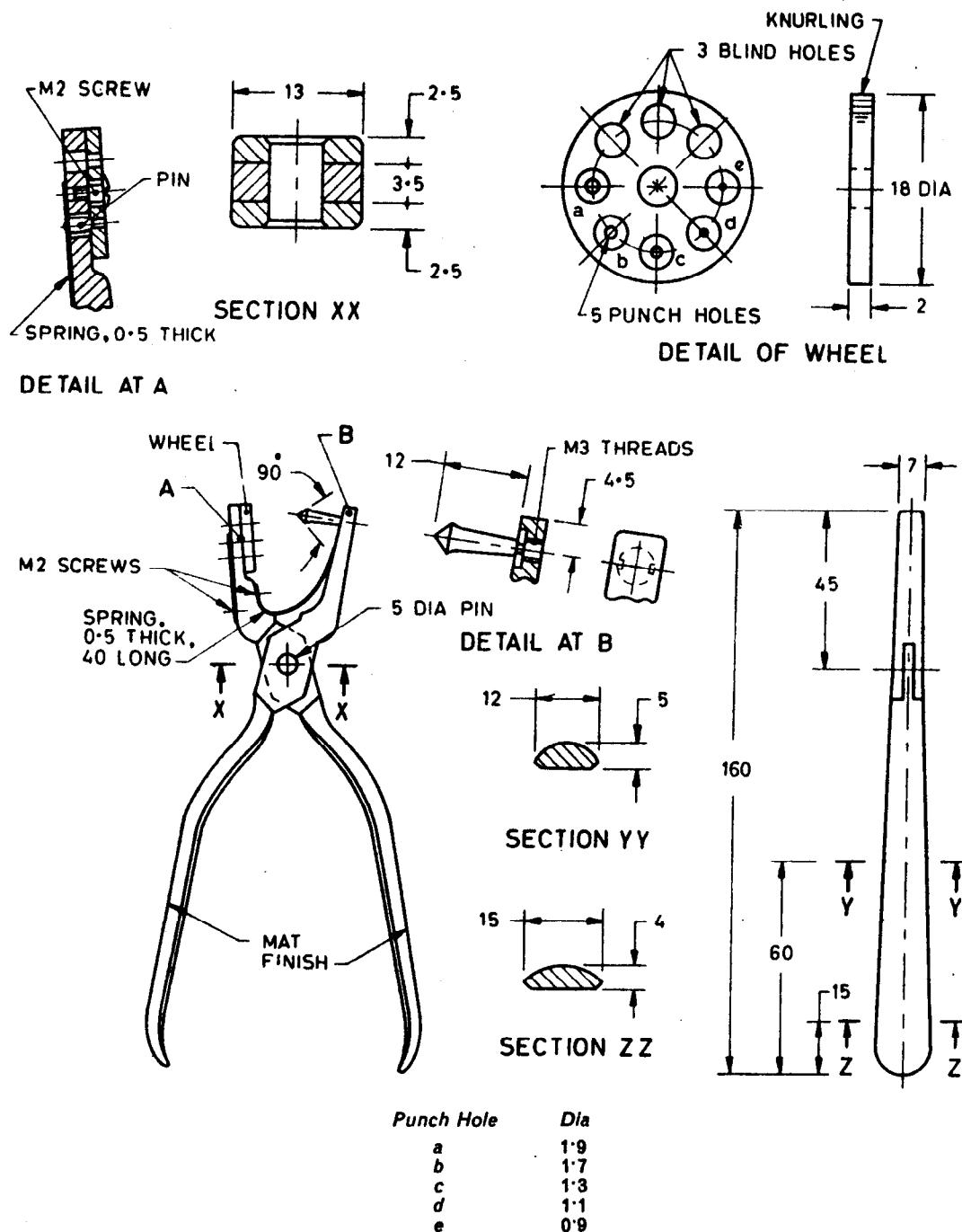


FIG. 1 PUNCH, RUBBER DAM, DENTAL

Adopted 30 December 1970

© March 1971, ISI



**3.1 Joint** — Box joint conforming to 6 of IS : 3642-1966 'General requirements for surgical instruments'.

**4. Workmanship and Finish**

**4.1** The two halves of the instrument shall move freely about the joint without any play and shall open fully. The movement shall be balanced.

**4.2** Maximum opening by the throw of spring at the bulge of the handles shall be not more than 90 mm.

**4.3** There shall be no sharp edges, and all the surfaces shall be finished smooth and polished except the outside surface of the handles which shall have mat finish.

**4.4** The instrument shall be plated chromium over nickel and the plating shall conform to Service Grade No. 2 of IS : 1068-1968 'Specification for electroplated coatings of nickel and chromium on iron and steel (first revision)'.

**5. Heat Treatment** — The instrument shall be uniformly hardened and tempered to 500 to 550 HV.

**6. Marking** — The instrument shall be legibly and indelibly marked with the manufacturer's name, initials or trade-mark, and the country of manufacture.

**6.1 ISI Certification Marking** — Details available from the Indian Standards Institution.

**7. Packing** — The instrument shall be coated with a thin film of solution containing corrosion inhibitors. Each instrument shall then be either put in a polyethylene bag or wrapped in wax paper and packed in suitable carton to avoid damage during transit and storage.